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7BN 96

KOCH GATEWAY PIPELINE COMPANY

6 November 1996

United States Department of the Interior Minerals Management Service Gulf of Mexico OCS Region 1201 Elmwood Park Boulevard New Orleans, Louisiana 70123-2394 Attention: Donald C. Howard

RE: MS 5232

Pipeline Right Of Way OCS-G-4285 MMS Pipeline Segment No. 5752 Eugene Island Block 43 to SSTI The Louisiana Land and Exploration Company

Dear Mr. Howard,

Please be advised that the above referenced pipeline abandonment was completed on 4 September 1996. Should you have any questions or need additional information, please contact me at 318-988-7112 or David Cloninger at 318-439-4893.

Sincerely

Jim Naico
Offshore Leader

Koch Gateway Pipeline Company

CC: David Cloninger Kay L. Morgan

NOV 1 3

In 5752

5N 5752 Cerullem 8/8/91

AUG 1 2 1996

In Reply Refer To: MS 5232

Koch Gateway Pipeline Company Attention: Mr. Daniel Stecklein 2300 Verot School Road Lafayette, Louisiana 70508

Gentlemen:

Your letter dated July 22, 1996, requests approval to permanently abandon in place approximately 815 feet (0.15 miles) of 4 1/2 inch pipeline designated as Segment No. 5752, and to relinquish in its entirety, Right-of-Way Grant OCS-G 4285 associated therewith. The subject pipeline was used to transport gas from Platform A to a subsea tie-in in Block 43, Eugene Island Area.

Pursuant to 30 CFR 250.4(b), approval is hereby granted to abandon the above described pipeline, and in accordance with 30 CFR 250.159(c), the requirement that the pipeline be removed is hereby waived. However, in the future, should it be determined that this abandoned pipeline constitutes a hazard to navigation or commercial fishing operations or unduly interferes with the other uses of the Outer Continental Shelf, Koch Gateway Pipeline Company shall be required to remove it.

Pursuant to 30 CFR 250.150(b), the relinquishment of the right-of-way grant associated with the pipeline that is to be abandoned in place is hereby accepted effective July 23, 1996.

Koch Gateway Pipeline Company shall cease transporting hydrocarbons through this pipeline immediately and complete the aforementioned abandonment operations within 60 days of the date of this letter. Additionally, Koch Gateway Pipeline Company shall submit written notification to this office within 30 days of the completion of the pipeline abandonment. The notification shall include the date the abandonment was completed and an indication that the abandonment was completed as approved.

Sincerely,

(Orig. Sgd.) Kent E. Stauffer

Donald C. Howard Regional Supervisor Field Operations

bcc: 1502-01 (P/L OCS-G 4285) w/enclosures (K.Faust) (MS 5232) 1502-01 (P/L OCS-G 4285) (microfilm) (MS 5033)

MS 5421 MS 5232 Carto

WWilliamson:amm:7/24/96:Kochrelg.752

64285 M5752

918/14/4



KOCH GATEWAY PIPELINE COMPANY

July 22, 1996



Mr. Donald C. Howard
Regional Supervisor, Field Operations
Minerals Management Service
Gulf of Mexico OCS Region
1201 Elmwood Park Boulevard
New Orleans, LA 70123-2394

Attn: Mr. Warren Williamson

MS 5210

RE: PROPOSED PIPELINE ABANDONMENT AND

RELINQUISHMENT IF RIGHT-OF-WAY

PIPELINE SEGMENT NO. <u>5752</u> RIGHT-OF-WAY NO. OCS-G 4285 EUGENE ISLAND BLOCK 43 "A" TO

SSTT ON KOCH GATEWAY PIPELINE IN BLOCK 43

Dear Sir:

Koch Gateway Pipeline, in accordance with the requirements of 30 CFR 250.156, hereby submits this application in triplicate for approval to abandon the subject pipeline segment no. 5752, right-of-way OCS-G 4285, in place, and requests a relinquishment of said right-of-way. This is a 4.5 inch O.D. gas pipeline, 815 feet in length, originating at The Louisiana Land and Exploration Company's (LL&E) Eugene Island Block 43/OCS-G 3561 "A" platform, and terminating at a subsea tie-in on a 14 inch O.D. Koch Gateway Pipeline Company gas pipeline in Eugene Island Block 43. LL&E will perform these abandonment operations for Koch Gateway Pipeline, while plugging its Eugene Island Block 43 "A platform, wells and facilities.

REASON FOR OPERATION

Lease OCS-G 3561 ceased production on January 11, 1996. LL&E plans to plug and abandon the wells, structures, and pipeline in accordance with applicable regulations.

PROPOSED PROCEDURE

- Have KOCH and LL&E representative on board vessel for approach to and direction away from known hazards on EI-43. No work on or in the vicinity of KOCH or KOCH pipelines will be done without KOCH's authorized representative present.
- 2. Move lift and divers to subsea tie-in. Jet as necessary to uncover. Jet pipeline minimum 20 feet. Close tie-in valve. RU lines and pump to LL&E's Eugene Island 43 platform. RU return line from sales line to tanks and test lines to 1000 psi.
- 3. If jack-up boat is to be used for a work platform at sub-sea tie-in, the 14" KOCH pipeline shall be located by divers and marked with buoys. Once marked, the jack-up can jack down legs a minimum distance of 25 feet from the 14" line.
- 4. At EI-43 bleed off pressure on pipeline.
- 5. Cross Offshore to unbolt at 4" diameter insulation flanges above shut-down valve so the 4" poly pig can be inserted directly into pipeline. Re-bolt system for pigging operation.
- 6. Diver at sub-sea tie-in locate, uncover, and operate the 4" full opening ball valve (item #9 on hot tap and tie-in detail drawing) to 14 open position.
- 7. Pressure pipeline with LL&E's exiting 25 gpm diesel driven pump on platform and push pig to subsea tie-in. Run pig with high pressure inhibited water. Monitor pipeline pressure.
- 8. When pig reaches the sub-sea valve, the pressure will spike. Shut down pump.
- 9. Diver close 4 inch Cameron Ball Valve with gear operator (item #3 on tie-in detail drawing).
- 10. Bleed water pressure from the pipeline at EI-43 platform.
- 11. Diver then close 4 inch full opening ball valve (#9).
- 12. Diver unbolt 4 inch Gripper Connector (item #13 on tie-in detail drawing) and place blind and gasket on the KOCH tie-in side. Diver to then cut 4 inch pipeline at least 20 feet away from main 14 inch KOCH pipeline. Place plumber's plug in pipeline end.
- 13. Remove 4 inch tie-in spool from sea floor.
- 14. Jet down the abandoned end of the 4 inch pipeline so that it is three feet below natural grade. Place sandbags over abandoned pipeline end to assure 3 feet of cover.
- 15. At Eugene Island 43 "A" platform, cut 4 inch pipeline at riser base and remove a 3 foot section of pipe. Retrieve section of pipe.
- 16. Install 4 inch foremen plug at pipeline abandoned end. Bury the end with sandbags to a minimum of three feet of cover.
- 17. Release equipment and crews.

Attached is a copy of the "as-built" pipeline drawing.

Koch Gateway Pipeline Co. wishes to abandon this pipeline in conjunction with the plugging operations to be conducted by LL&E on the Eugene Island 43 structures and wells, which are anticipated to begin in July or August 1996.

Should you have any questions or require additional information, please contact Mr. Jim Naico at (318) 988-7112.

Sincerely,

Daniel Stecklein

Vice President, Operations

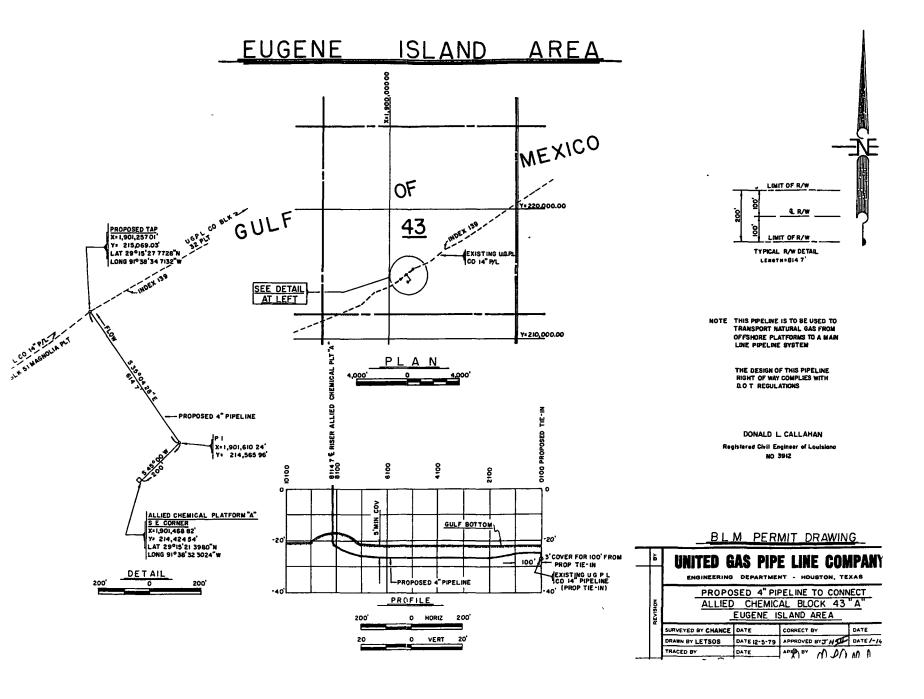
Koch Gateway Pipeline Company

cc: Tom Joyce
Dave Cloninger

Kay L. Morgan

Att:





R/W Bond

GOM Company Number 178

Delaware Corporation

Post Office Box 2256 Wichita, Kansas 67201

Certificate of Incorporation, with all Amendments through September 1, 1948, received on 1/4/56. Copy of Certificate of Incorporation with certification stating all Amendments included received 5/20/68. Composite Restated Certificate of Incorporation received 11/12/76. Certificate of Amendment of Certificate of Incorporation received 6/9/94.

Rolf Gafvert - President - Sr. Vice President - Sr. Vice President John Gibson John Boone - Vice President - Vice President Derryl D. Morgan Chris Fischer Robin Schwenke - Vice President Wendy Valley - Vice President Troy Reusser - Vice President - Vice President - Vice President Gred Orler Marc Bokleman Vice PresidentVice President Don Martin B. R. Caffey - Vice President
T. E. Clatfelter - Vice President
- Vice President - Vice President - Rates Claire Burum F. Lynn Markel - Vice President - Vice President Daniel Stecklein

... the following named persons are authorized to execute contracts, leases, bids for leases, offers to lease, subleases, permits, licenses, applications therefor, assignments thereof, and requests for approval thereof, and other similar documents and to act on behalf of the Corporation in such matters:



United States Department of the Interior

SN 5752

MINERALS MANAGEMENT SERVICE

Gulf of Mexico OCS Region 1201 Elmwood Park Boulevard New Orleans, Louisiana 70123-2394

In Reply Refer To: MS 5421

N. O. Misc. No. 178

July 11, 1994

ACTION

Koch Gateway Pipeline Company

Right of Way

CHANGE OF NAME RECOGNIZED

On June 9, 1994, there was filed in this office for approval evidence of change of name from United Gas Pipe Line Company to Koch Gateway Pipeline Company, effective August 24, 1993.

In view of the evidence submitted, the change in ownership as to the pipeline rights-of-way listed below is recognized and the records so noted:

OCS-G NO.	OCS-G NO.	OCS-G NO.
0641	3624	4050
0642	3720	4051
1704	3824	4275 /
1704-A	3826	4285√
1709-D	3832	4286
3427	3834	4302
3450	3882	4358
3456	4013	4636
3612	4020	5148
-	4036	

Chris C. Oynes

Chris C. Dipuls

Acting Regional Director

cc: Lessees and Associates

Qualification File (N. O. Misc. No. 178)

Case Files

SN 5752

Button 10-21-87 Howard 10/22/87 Stouffer 10/22/87

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In Reply Refer To: F0-2-2 OCS-G 4285

OCT 2 3 1987

ACTION

United Gas Pipe Line Company

Pipe Line Right-of-Way

Date of Permit: 5-1-80

Date of Permit: 5-1-80

Decision Requesting Proof of Construction Dated: 4-18-86

and 9-10-87

Proof of Construction Received: 10-2-87

Proof of Construction Accepted

The above-captioned grantee has submitted the evidence required by the law and Regulation 30 CFR 256.95(a). The proof of construction is hereby accepted and approved. Deviation from the original plat has been noted, and the new plat made a part of the record.

The maximum allowable operating pressure (MAOP) for this pipeline is 1.065 psig.

The total length of the "as-built" pipeline right-of-way is 0.15 mile.

(Orig. Sgd.) J. Rogers Pearcy
J. Rogers Pearcy
Regional Director

bcc: LP/L OCS-G 4285 (w/attachments) (K. Faust) (F0-2-2)
P/L OCS-G 4285 (F0-2-2)
ORD Reading File
OPS-6 (w/copy of location plat)
L. Boehm (LE-3-1)

ABritton:mcs:10/21/87:LEXITYPE Disk 6

Or 10/23/97





October 1, 1987

Mr. Autry Britton Minerals Management Service 1201 Elmwood Hawk Blvd. New Orleans, Louisiana 70123

Re: Sea Robin Pipeline Co.

F0-2-2, OCS-G 4349;
F0-2-2, OCS-G 4348;
F0-2-2, OCS-G 4294;
F0-2-2, OCS-G 1907-AC;

United Gas Pipe Line Co.
F0-2-2, OCS-G 4285;
F0-2-2, OCS-G 3834;
F0-2-2, OCS-G 4020;
F0-2-2, OCS-G 4020;
F0-2-2, OCS-G 4302;
F0-2-2, OCS-G 4302;
F0-2-2, OCS-G 4636
F0-2-2, OCS-Segment No. 5964
F0-2-2, OCS-Segment No. 6289
F0-2-2, OCS-G 0642

Dear Mr. Britton:

Please find enclosed in triplicate "As-Built" drawings and hydrostatic test data for the above referenced projects as requested in your letters dated September 3, 1987 and September 10, 1987. In addition the subject data is included for three projects that were not requested by letter; F0-2-2, OCS-Segment No. 5964; F0-2-2, OCS-Segment No. 6289; F0-2-2, OCS-G 0642.

Should additional information be required please contact Ralph M. Kennedy, of Environmental Affairs, at (713) 229-5135.

Sincerely

N. J. King

Supervisor, Environmental Affairs

BLK 43 CE. Z.A.)

OCS-G 4285

HYDROSTATIC TEST DATA

RECEIVED CANCER OF SERVICE OCT 0 2 1987 STREET OPERATIONS OF SERVICE OCC. Region, New Order

82-335.

4" hot tap

Began - 6-5-80 Ended - 6-5-80 11:30 PM at 2170 PSi 7:30 AM at 2165 PSi

Minimum test pressure was 2160 Psi

Fabrication (riser, meter station, and tie-in assembly)

Began - 8-30-80 Ended - 8-31-80 8:05 AM at 2168 8:10 AM at 2160 ambient 68°F, medium 72°F ambient 92°F, medium 63°F

Minimum test pressure was 2160 Psi

Mainline

Began - 9-20-80 Ended - 9-21-80 10:05 AM at 2170 10-35 AM at 2168 ambient 95°F, medium 74°F ambient 95°F, medium 76°F

Minimum test pressure was 2160 Psi

INSPECTION REPORT

4½" O.D. x.337" wall x 14.98#/ft, API 5L. Grd. B, Smls, U.S. Steel line pipe, PE was purchased on P.O. 121437. Multispec visually inspected on P.O. 121438. AMF Tuboscope electromognetically inspected on P.O. 121439.

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Maited Gas Pils Line Go-

A F F	\$2-30
A.F.E.	BR 3"

Sheet _

A.F.E. 23-3

Purpose For Testing	PRESSURE PROOF TEST AND DEAD WEIGHT READINGS RECORD	W.A Index No
Emergency Stock New Construction	PIPELINE NAME JOB TITLE	
Testing Contractor: Lot -Sco	Futarasticush. General Contractor: Sub	-See: International.
Test Section From Sta.	To Sta	Length
Pipe Description	Minimum Pipe Elevation	1
Maximum Pipe Elevation	Elev. Base Dead Weight	Tester
Date & Time Begun // 30	Date & Time Completed	7:30 AM.
	Temperature	To

Dead Weight	Temp	erature
Time Reading Psi	Ambient	Test Mediun
11:30 2170		
11:45 2165		
5:00 2170		
3:15 2/60		
2:30 2/10		
2:45 2170		
16:00 2160		
1:15- 2160		
1:30 2165		
1:45 2160		
2:00 2160		!
2:15 25170		
2:30 2170		
5:45 2170		
3:00 2/65		
3:15 2160		
3:30 2165		
3:45 2170		
4:00 3160		
4:15 2170		
1:30 2170		

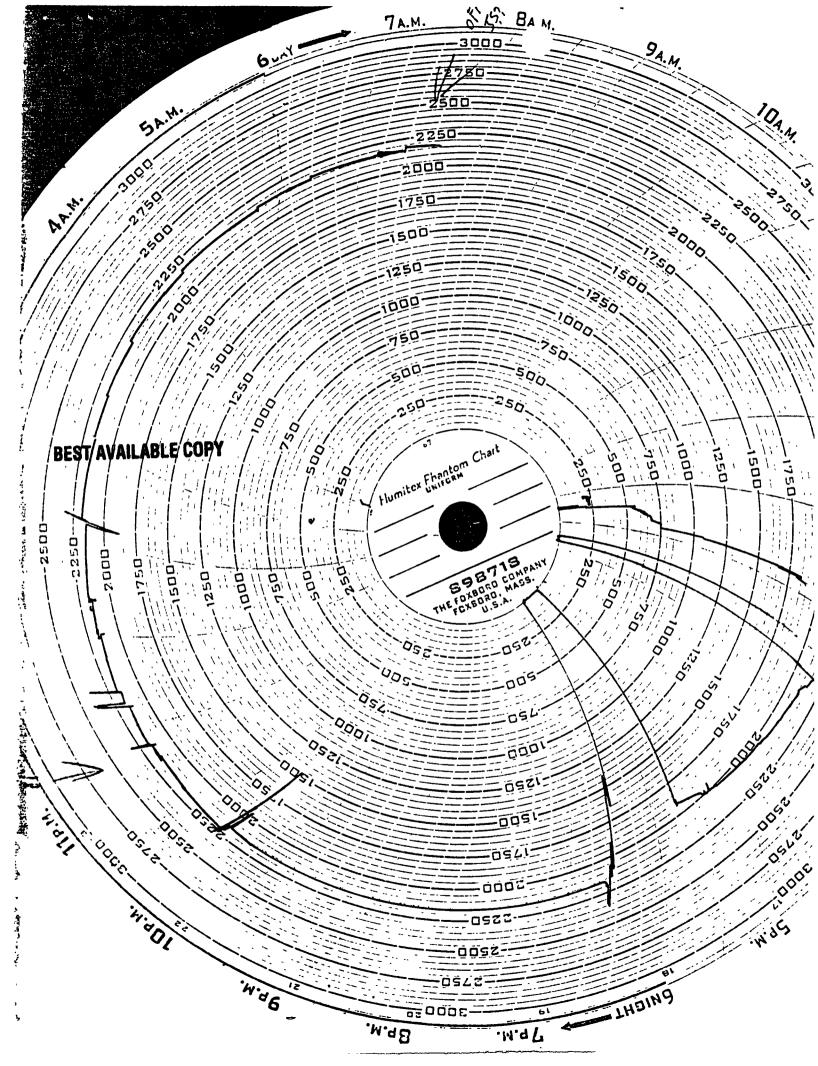
Time	Dead Weight Reading Psi	Tempe Ambient	rature Test Medium
4:45	2165		
5:00	2160		
515	2170		
5,30	2165		
5145	2160		<u> </u>
6:00	2170		
6:15	3170		
6:45	2170		
7:00	2170		
7:15	2162		
2:30	2165		
			-

Results	of Test:	☐ Acceptable	Unacceptable
	chart the follo	s form the test chart show owing: A.F.E. No., Pipelin me, Duration, Minimum Pr Contractor's Superintende rvisor.	e Name, Sta. to Sta., essure including the

Minimum Pressure 2160 Hrs.

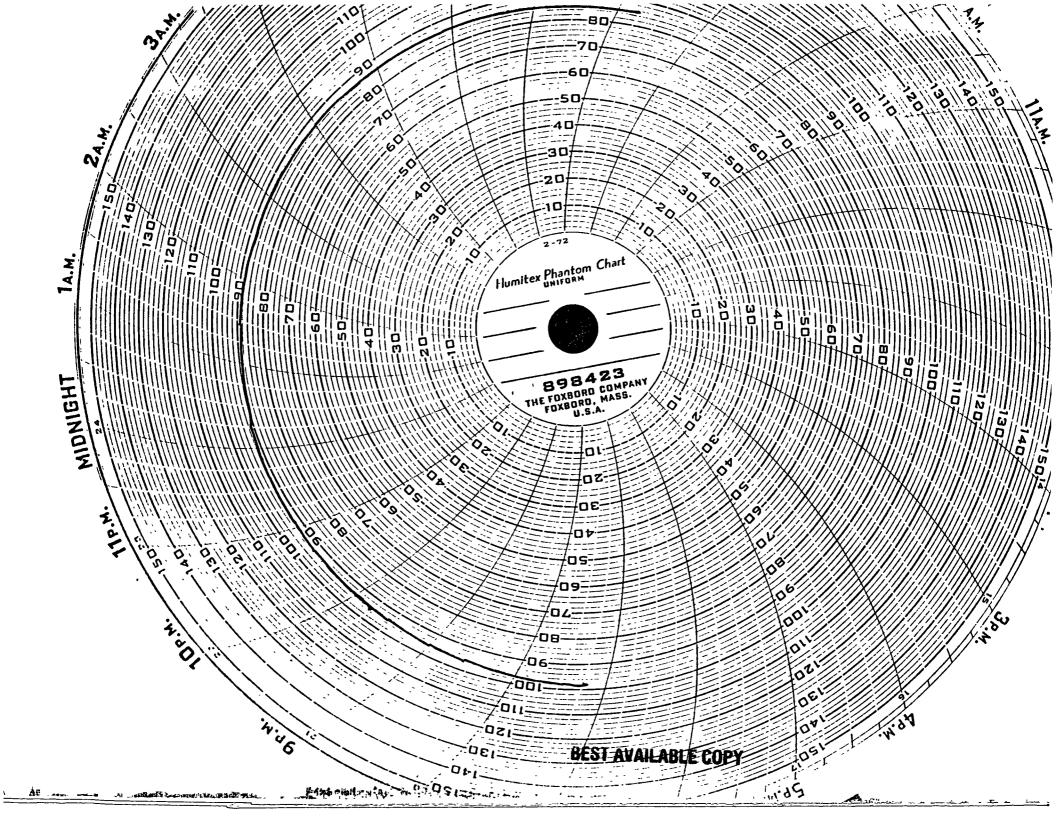
TEST RESULTS

CONTRACTOR'S SUPERINTENDENT



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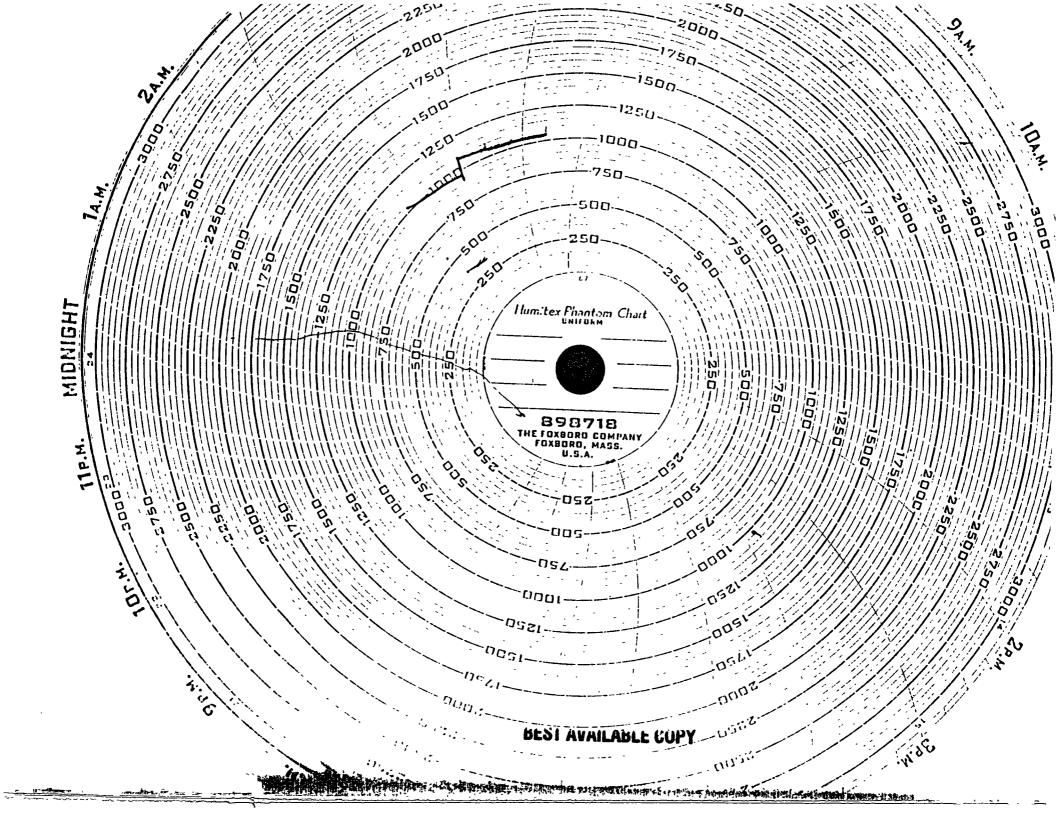
HAME OF SEASON S



AFE 82-335

1-4" Yolra Spr No 262227 Ca mon 600# N.P. 1440 1-4"600" weld neck 1=long-3'Ft, 337 wall Gr. B. 4,5 O. Apipa.

J.S.M



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Contractor's Superintendent

DOUBLE "L" HYDROTEST, INC.

ROUTE 2, BOX 8A GONZALES, LOUISIANA 70737

TELEPHONE: (504) 644-3048

HYDROSTATIC TEST REPORT

Sheet of .

	n All Fallerication	Gud -	Tie its assembly	 Elev. Base Dead We			
Date Begun	Quy 30/1;	980.		Date Completed <u>A</u>	ng 30/19	90	
Time	Dead Weight		ERATURE	-`\ Time	Dead Weight		ERATURE
- 3 G.s	Reading-psi	Ambient 68	Test Medium	12:00	Reading—psi	93	Test Medium 98
8:10	2170-2165	67	11	P.M12:15	2/70	93	99
9:20	2170-2165	. /	1'	12:30	7168	93	101
8:22	7170-216	_ /	10	12:45	2/63	14	102
8:24	11	76	11	1:00	2166	94	102
8:27	(1)	76	1.	1:15	2/66	96	102
8:29	10 11	76	//	1:30	2162	96	103
8:31	L' 1'	v 77	"	1:45	2/6/10	95	103
8:37	1: (1	77)/	2:00	2166	95	104
8:44	11 1	80	72	2:15	2170	95	104
4.00	2167	84	76	2:28	2160-2170	Press	well
9:15	2168	86	78	2530	2/70	44	102
9:30	2167	86	82	2:45	2/70 9	94	100
9:45	2/69	88	84.	3:00	2170	9'4	18
10:00	2169	90	85	3:15	2/70 %	94	98
10:15	2/68	91	88	3:30	2/70	94	99
10:30	2165	92	90	3:45	2165	74	98
10:45		92	95	4:00	2/70	84	77
11:00	2169	92	95	4:15	2570	93	96
11:15	2169	93	96	4:30	2170	73	94
11:30		93	97	4:45	217004	93	92
11:42	2168	13	18	5700	2170	92	92



ROUTE 2, BOX 8A GONZALES, LOUISIANA 70737

TELEPHONE: (504) 644-3048

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Sheet _of_

HYDROSTATIC TEST REPORT

	Test Section_	ractor Practice			_ Minimum Pipe Ele	evation		
r	Maximum Pir	pe Elevation	•		Elev. Base Dead W	/eight Tester		
		Jug 30,19	790		Date Completed_			
-	Time	Dead Weight Reading—psi	TEM Ambient	PERATURE Test Medium	- Time	Deed Weight Reading—psi	TEMI Ambient	PERATURE Test Medium
	5:15-	2/70	91	90	10:45	2170	76	66
-	5:30	2/7 0	90	90	11100	2170	76	66
_	5145	2/70	88	38	11:15	2170	76	66
_	6200	2/70	83	87	11:30	2170	76	6.5
	6:15	2170	82	84	11:45	2170	76	65
	6:30	2170	82	82	mid 12:00	2170	76	65
_	6:45	2170	92	80	12:15	2170	76	65
	7:00	2170 4	90	78	12:30	2170	76	45
	アントリ	2170 5	78	78	12:45	2170 (76	65
	7:30	2170 /	74	788	1:00	2170	76	65
	7:45	2170	78	H	1:15	2170	76	65
	8:00	217D V	77	78	1:30	2170 G	76	65
	8:15	2170 6	76	12.	1:45	2170 4	76	65
	8:30	2/70 %	76	72	2:00	2170€	76	65
	8:45	2170 9	76	71	2:15	21700	76	64
3	9100	2170 5	76	70	2:30	2170 8	76	64
~	9:15		76	69	2:45	2170世	76	63
	9:30		16	68	3:00	21700		62
_	1:45		76	68	3115	21700	76	62
	10:00 d	_	76		3130	8170	76	62
_	10:15		76	68	3145	2170	76	62
	10:30	2170	76	67	4:00	2120	70	62
Ri	ESULTS OF	TEST: A Accept	able [] (Jnacceptable	Owner's Represe	M. Wambe	<u>. </u>	
- Co	ontractor's Sup	erintendent			Company			STROTHER PRI



Contractor's Syperinten

DOUBLE "L" HYDROTEST, INC.

ROUTE 2, BOX 8A GONZALES, LOUISIANA 70737

TELEPHONE: (504) 644-3048

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HYDROSTATIC TEST REPORT

Sheet 3 of 7.

General Contractor Minimum Pipe Elevation **Test Section** Maximum Pipe Elevation Elev. Base Dead Weight Tester Date Begun Dua Date Completed **TEMPERATURE TEMPERATURE Dead Weight Dead Weight** Time Time Reading-psi Reading-psi Ambient **Test Medium** Test Medium Ambient 115 62 4:30 21 70 4144 7500 7:15 7145 8:00 RESULTS OF TEST: Acceptable [] Unacceptable Jenry H. Nember



DOUBLE "L" HYDROTEST, INC.

ROUTE 2, BOX 8A • GONZALES, LOUISIANA 70737 • TELEPHONE: (504) 644-3048

CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge	<i>35</i> 255-1	_
Size of Gauge	Sead Weight	_
Mfg. of Gauge	RS	_
Pressure of Range	50 - 3000	_

TESTER READING	GAUGE READING
<i>5</i> 0	50
250	250
500	500
250	250
1000	/000
1500	1500
2000	2000
<i>350</i> 0	2500
3000	3000

TYPE TESTER USED:_	Dead	weight
DATE TESTED: 8 -	11-80	BY Tank

Henry N. Hemler



DOUBLE "L" HYDROTEST, INC.

ROUTE 2, BOX 8A • GONZALES, LOUISIANA 70737 • TELEPHONE: (504) 644-3048

CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge	SF1589	
Size of Gauge	/6)''	
. Mfg. of Gauge	Barton	
Pressure of Range	0.150	

TESTER READING	GAUGE READING
20	20
40	- 40
	600
80	80
/00	100
	/20
/40	140
	150
	`

TYPE TESTER USED: Thermo	Sath
DATE TESTED: 8-11-80	BY: Sand
1/2	•

Henry 1. Hembr.



DOUBLE "L" HYDROTEST, INC.

ROUTE 2, BOX 8A • GONZALES, LOUISIANA 70737 • TELEPHONE: (504) 644-3048

CALIBRATION CERTIFICATE

This is to certify that this gauge has been inspected and calibrated.

Serial No. of Gauge 342A - 4338

Size of Gauge 12"

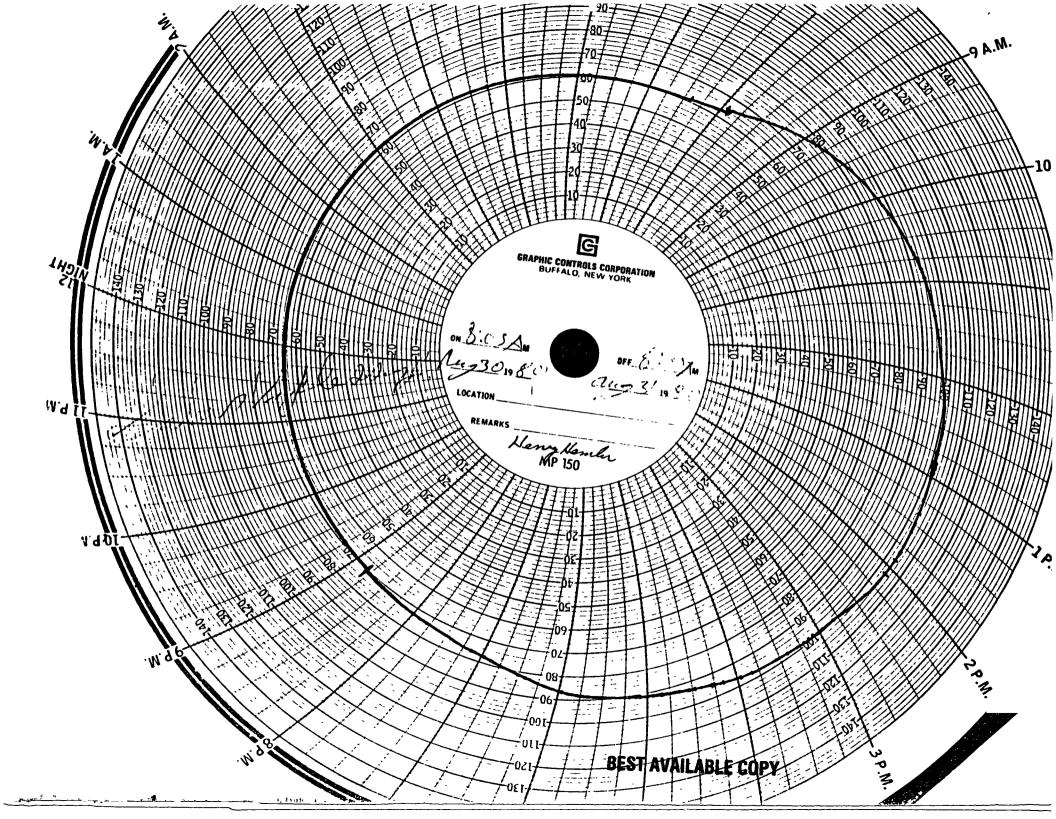
Mfg. of Gauge Datam

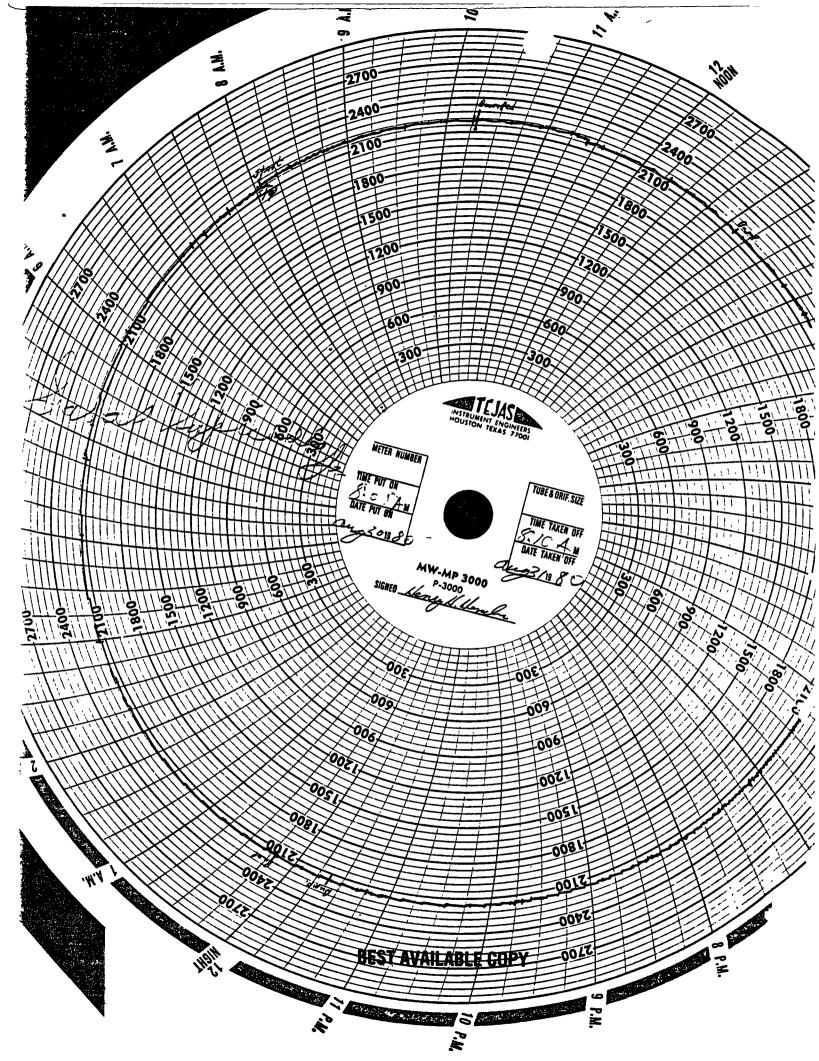
Pressure of Range 0 - 3000

TESTER READING	GAUGE READING
. 100	100
250	250
500	500
750	750
1000	1000
1500	1500
2000	2000
2500	2500
3000	3000

TYPE TESTER USED:	lead weight		
DATE TESTED: 8-//-	80 · BY	Lut	

All Henry D. Hamber.





10:00 AM Deck hand bump chart. 10:00 p.m. Oach hand owny 11:20 1.71 Lect none had to Reserve Din less is (foremay) Son to Reset Din.

Son thou renson. (hart 8: n started falling

Cose Deplessis (forest weight should 2160-2170)

Said Offert Nub worked

BEST AVAILABLE COPY



DOUBLE _ HYDROTEST, INC.

ROUTE 2, BOX 8A GONZALES, LOUISIANA 70737

TELEPHONE: (504) 644-3048

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Sheet	of	1
CHECK	· •	•

HYDROSTATIC TEST REPORT

General Contractor Diniond Service	S
Test Section aprox. 1000 of 4"	Minimum Pipe Elevation
Maximum Pipe Elevation	Elev. Base Dead Weight Tester
Date Regun 9 - 7 A - X O	Date Completed 9 - 21 - 80

	Dead Weight	TEMP	ERATURE		Dead Weight	TEMPE	RATURE
Time	Reading-psi	Ambient	Test Medium	Time	Reading-psi	Ambient	Test Medium
10:05	0-2170	95°	74.	3:55	2161-2171	1000	· 75°
10:35	2165	95°	75°	4:00	2171	100°	75°
10:30	2160-2170	95°	75°	4:30	2167	990	75°
10:45	2173	96°	76°	5:00	2166	990	760
10:58	3 Le & 2174 - 2165	96°	76°	\$:30	2163	98°	76°
10:15	2163	96°	76°	6:00	2162	98°	76°
11:30	2162	96°	76°	6:05	2161-2171	2.80	76
11:45	2163	960	760	6:30	2168	970	740
-12:00	2161-2172	96°	76	6:58	2161-2172	940	740
12:15	2173	96	76.	7:00	2170	940	740
12:20	2174-2161	96	76.	7:30	3-168	940	_73°
12:30	2160-2170	96°	76°	8:00	2165	94°	730
12:45	2170	96"	76°	8:28	PRESS.UP 2161-2170	940	73°
1:00	2169	96°	76°	9:00	2167	940	73°
1:15	2169	96°	76°	9:28	4RESS-UP 2161-2171	94°	73°
1:30	2166	96°	7.5°	10:00	0170	940	73 *
1:45	2165	96°	75°	/0:30	2170	940	73°
2:00	2165-	96	7 5 °	11:00	2169	940	73°
2:15	2165	97	75°	11:30	2168	93°	73°
2:30	2163	980	75°	[mid=4el 2:00	2166	930	73°
3:00	2163	980	75°	12:30	2166	930	730
3;30	2163	990	75°	1:00	2166	93°	73.

RESULTS OF TEST: [] Acceptable [] Unacceptable

Menry 1 Houles
Owner's Representative

Contractor's Supepintendent

Company

Company

Contractor's Superintendent

DOUBLE L'HYDROTEST, INC.

HYDROSTATIC TEST REPORT

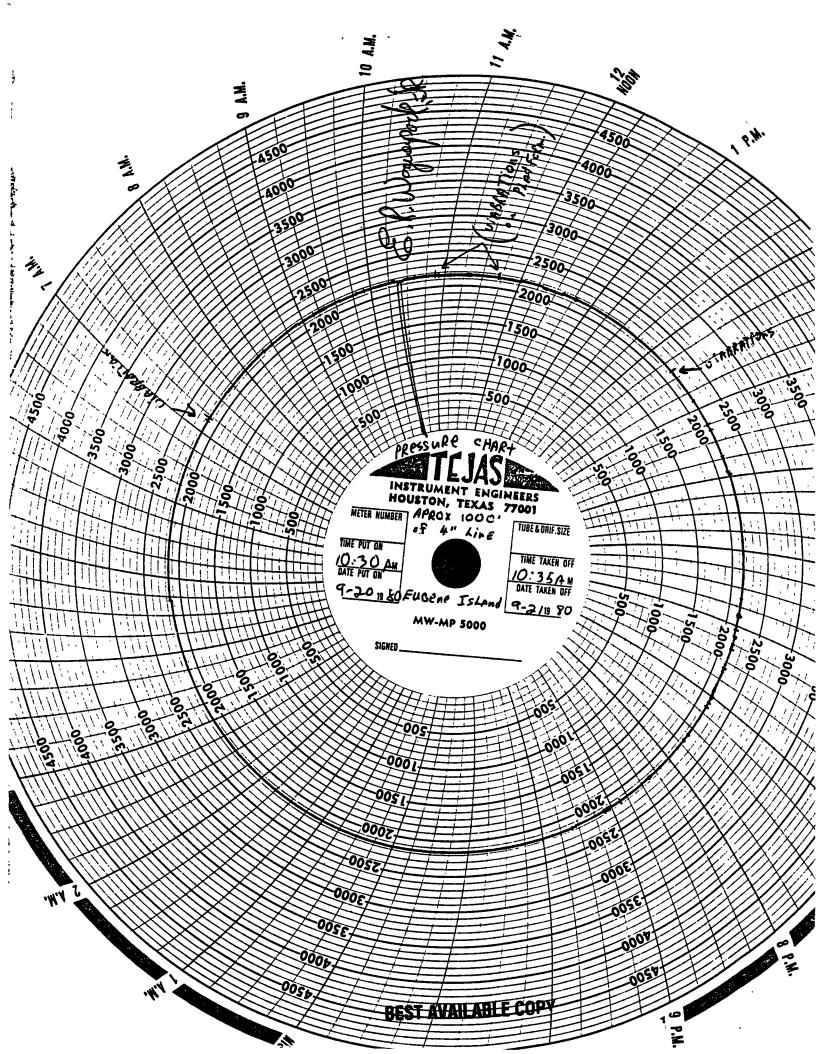
ROUTE 2, BOX 8A GONZALES, LOUISIANA 70737

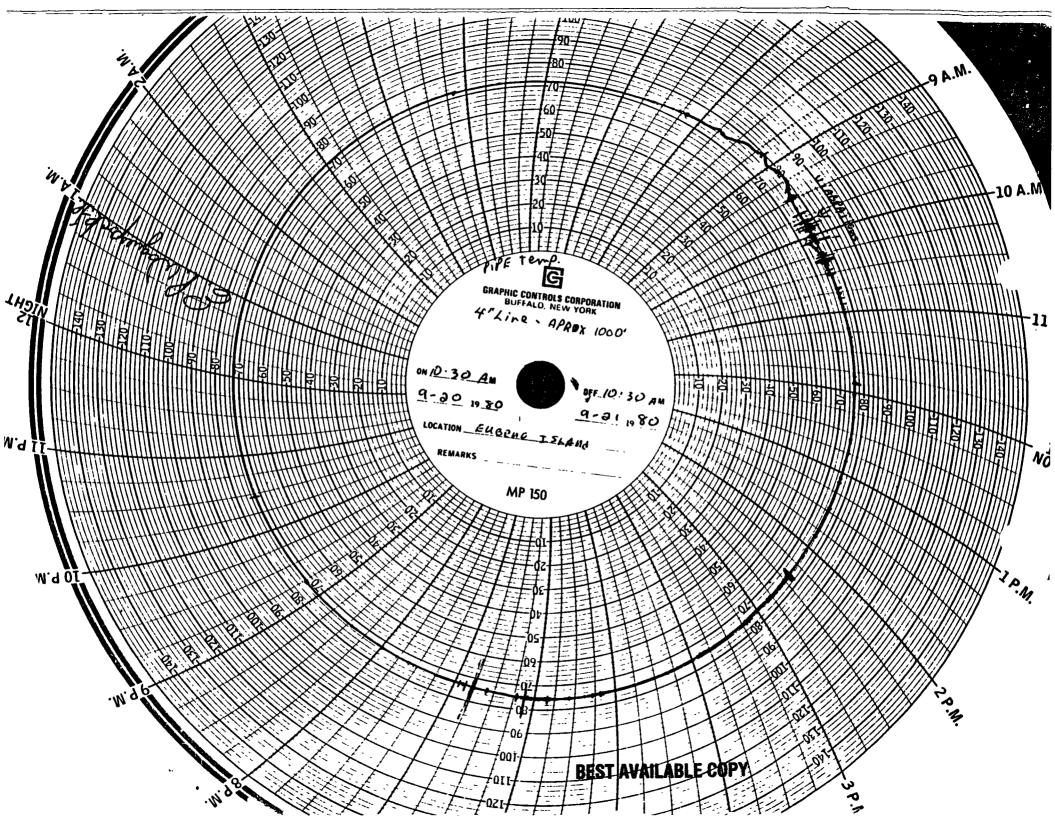
TELEPHONE: (504) 644-3048

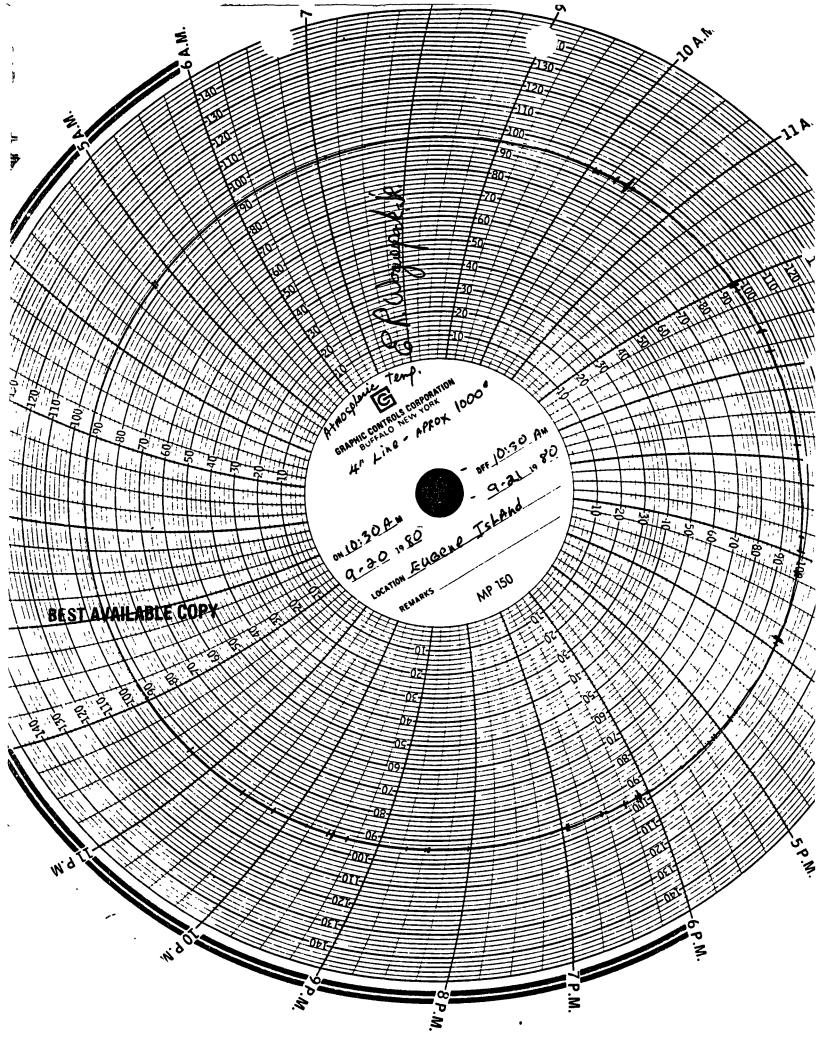
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Sheet 2 of 1

General Contractor <u>DiMonD</u> <u>Selvice</u> Test Section <u>Affox - loso of</u> U			Minimum Pipe Elevation Elev. Base Dead Weight Tester Date Completed 7-21-80				
Maximum Pipe Elevation							
Date Begun 9-20-80							
	Dead Weight	TEMP	ERATURE		Dead Weight	TEMPERATURE	
Time	Reading-psi	Ambient	Test Medium	Time	Reading-psi	Ambient	Test Medium
1:30	2166	93°	73°	10:35 am	2168-0	BLed	Down,
2:00	2166	93°	73°				
2:30	2165	93°	73.				
3:00	2165	93°	73°				
3:30	2164	93°	73°				
4:00	2163	930	73°				
4:30	2162 Press. 48	930	73°				
4:45	2160 - 2173	93.	73°	-			
5:00	2173	930	72°				
5:30	2173	93°	72°				
6:00	2172	930	7 <i>2</i> °				
5:30	2/72	93°	7a°				
7:00	2172	930	720				
7:30	3/73-2165	93°	73°				
(:ÓO	2167	940	74°				
3:20	2174-2166	940	25°				
8:30	2166	94.	75°				
9:00	Bled-0000 2173-2165	95°	80°				
9:30	2/69	950	78°				
7:35	2171-2164	95°	78°				
0:00	2166	95°	76°				
0:30	2169	95	76	-			







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Brutter 9-8-87 Howard 9/9/87 Starffer 9/10/97

In Reply Refer To: F0-2-2 OCS-G 4285

SEP. 1 O 1987

United Gas Pipe Line Company Attention: Right-of-way Department Post Office Box 1478 Houston. Texas 77001

Gentlemen:

Reference is made to your pipeline right-of-way grant in the above numbered case.

Our records indicate that proof of construction for your proposed 4 1/2-inch natural gas pipeline, from Platform A to a 14-inch subsea connection. all located in Block 43. Eugene Island Area, has not been submitted to this office.

Five years since the issuance of the grant have now elapsed.

Unless you submit within 30 days from the receipt of this letter proof of construction of the pipeline issued under this grant. the grant will be deemed to have been abandoned and deemed to be a forfeiture, pursuant to the Department of the Interior Regulation 30 CFR 256.95(a).

Direct any questions to Autry Britton at (504) 736-2548.

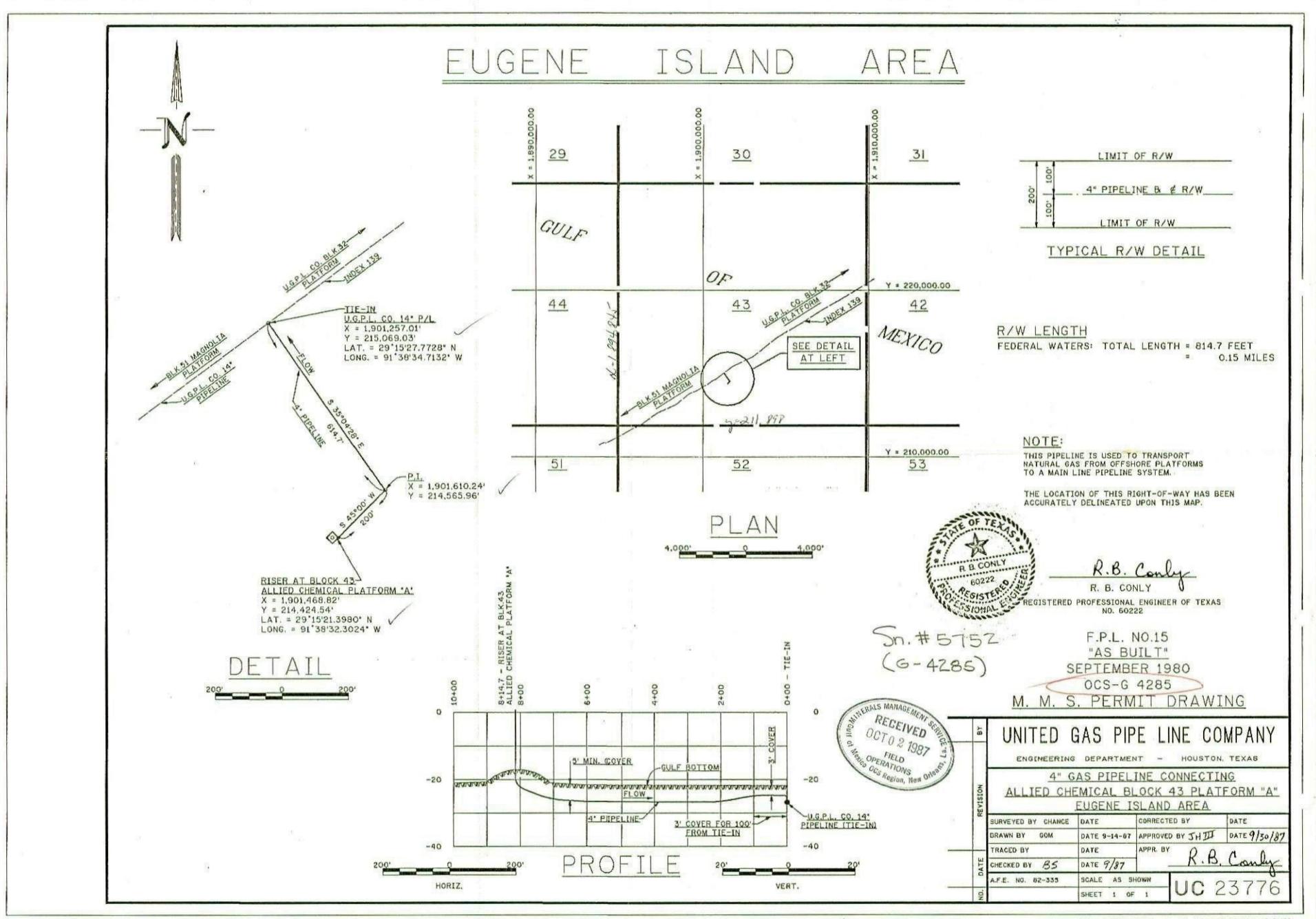
Sincerely yours.

J. Rogers Pearcy
Regional Director

Certified Mail No. P012696706

bcc: P/L OCS-G 4285 (F0-2-2)
K. Faust (F0-2-2)
ORD Reading File

ABritton:jj:9/2/87:Disk 6



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In Feely Refer To: FF-2-2

APR 1819.86

United Gas Pipe Line Company Attention: Ps. Trudy Holaes Post Office Box 1478 Houston, Texas 77001

Centlemen:

Please furnish proof of construction in accordance with 30 CFR 256.95 on the following pipeline rights-of-way:

OCS-3 Musber	Date of Permit
4235	5/01/80
4302	5/29/80
3034	9/15/78
4288	7/23/80
4636	3/04/81
4020	7/01/79

(Urig. Sgd.) A. Donald Gireir

Acting Regional Supervisor Rules and Production

Enclosure

bcc: SEO-1b (RP-2-2)

CWilliams:jj:4/14/86:PC Disk 2

SN5752 N

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OCS-6 4285

Eugene Island Area

May 1, 1980

United Gas Pipe Line Company

Right-of-Way

ACTION: APPLICATION APPROVED

Your application for a right-of-way 200 feet in width for the construction, maintenance, and operation of a four (4) inch natural gas pipeline, 0.15 miles in length, from Allied Chemical Corporation's Platform "A", to a subsea tie-in with United Gas Pipe Line Company's existing 14-inch pipeline (OCS 0642), all of which are located in Block 43, Eugene Island Area, dated February 4, 1980, with its attachments, and amendment thereto dated February 7, 1980, is hereby approved with the following additions and corrections:

- 1. The unidentified magnetic anomaly located by a survey made of the area for cultural resource assessment (OCS-G 3561) approximately 1250 feet ENE of the proposed turn in the pipeline (X=1,901,610', Y=214,565'), should be avoided by at least 150 meters when placing lay barge anchors.
- The ANSI 600 valves should not be subjected to a testpressure differential greater than 1,440 psig.
- The ANSI 600 valves, flanges, and fittings should not be subjected to a body test greater than 2,175 psig.
- 4. Hydrostatic test data including procedure, hold time, and results shall be submitted to this office within ninety (90) days after completion.

H. P. Steverding Acting Manager

Geological Survey, USDI
Office of Pipeline Safety Operations, USDT

SCHONERAS 2/27/80 SCHONERAS 2/28/80 Slaren 3/4/80

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In Reply Refer To: OS-5

MAR 0 5 1980

Memorandum

To:

Manager, Bureau of Land Management, 841 Hale Boggs Federal Building, 500 Camp Street, New Orleans, Louisiana 70130

From:

Conservation Manager, Gulf of Mexico Region

Subject: United Gas Pipe Line Company's Pipeline Right-of-Way Application,

BLM OCS-G 4285

We have reviewed the safety features and design specifications for the subject Right-of-Way Application, dated February 4, 1980, in accordance with the MOU dated August 1, 1974. It is for the construction, maintenance, and operation of a 4 1/2-inch natural gas pipeline 615 feet in length from Allied Chemical's Platform "A", to a subsea tie-in with an existing United Gas PipelLine Company 14-inch pipeline, all located in Eugene Island Area, Block 43, lease OCS-G 3561.

Based upon information submitted in the application, the design characteristics of this pipeline are calculated to be as follows:

Pipeline Component	Pressure/WP Ratings	
Submerged component	3,774 psig	
Riser component	2,621 psig	
Valves, flanges, fittings	1,440 psig	

The hydrostatic pressure test with water will be at 2,160 psig for 24 hours. The ANSI 600 valves should not be subjected to a test-pressure differential greater than 1,440 psig. The ANSI 600 valves, flanges, and fittings should not be subjected to a body test greater than 2,175 psig.

Based on these calculations and a maximum allowable operating pressure (MAOP) of 1,065 psig of the receiving 14-inch United Gas Pipe Line Company pipeline (BLM OCS-G 0642), we recommend that the MAOP for this pipeline be 1,065 psig. We also recommend that valves and taps at the proposed subsea tie-in be provided with a minimum of three feet of cover, either through burial or with sandbags.

2

Our records indicate there are two existing pipelines within 4,000 feet of the subject pipeline. We recommend that the applicant be advised of the presence of these lines so that they can be avoided in the planning and conduct of his operations.

The technical aspects of the proposed pipelime are acceptable in accordance with appropriate regulations and standards.

We would appreciate receiving a copy of the plat showing the location of the pipeline as installed.

Orig. Signed - Lowell G. Hammons

Original Signed: Frank S. Pons

U Lowell G. Hammons

cc: 1502-01 BLM OCS-G 4285 (w/orig appln) (OS-5)

OMS-4 (w/cy of location plat)

RCLanza: GHSchonekas:nhn:2/27/80



United States Department of the Interior

GEOLOGICAL SURVEY

434 IMPERIAL OFFICE BLDG, 3301 N CAUSEWAY BLVD

METAIRIE, LOUISIANA 70010

MAR 0 5 1980

In Reply Refer To: OS-5

MEM OKTEHNS OF	
FILE CODE	
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Memorandum

TEL (504) 837-4720

To:

Manager, Bureau of Land Management, 841 Hale Boggs Federal Building, 500 Camp Street, New Orleans, Louisiana 70130

From:

Conservation Manager, Gulf of Mexico Region

Subject:

United Gas Pipe Line Company's Pipeline Right-of-Way Application,

BLM OCS-G 4285

We have reviewed the safety features and design specifications for the subject Right-of-Way Application, dated February 4, 1980, in accordance with the MOU dated August 1, 1974. It is for the construction main? The tenance, and operation of a 4 1/2-inch natural gas pipeline 815 feet incollength from Allied Chemical's Platform "A", to a subseatie-in with an existing United Gas Pipe Line Company 14-inch pipeline, all the action of Eugene Island Area, Block 43, lease OCS-G 3561.

Based upon information submitted in the application, the design characteristics of this pipeline are calculated to be as follows:

Pipeline Component	Maximum Allowable Operating Pressure/WP Ratings		
Submerged component	3,774 psig		
Riser component	2,621 psig		
Valves, flanges, fittings	1,440 psig		

The hydrostatic pressure test with water will be at 2,160 psig for 24 hours. The ANSI 600 valves should not be subjected to a test-pressure differential greater than 1,440 psig. The ANSI 600 valves, flanges, and fittings should not be subjected to a body test greater than 2,175 psig.

Based on these calculations and a maximum allowable operating pressure (MAOP) of 1,065 psig of the receiving 14-inch United Gas Pipe Line Company pipeline (BLM OCS-G 0642), we recommend that the MAOP for this pipeline be 1,065 psig. We also recommend that valves and taps at the proposed subsea tie-in be provided with a minimum of three feet of cover, either through burial or with sandbags.

Our records indicate there are two existing pipelines within 4,000 feet of the subject pipeline. We recommend that the applicant be advised of the presence of these lines so that they can be avoided in the planning and conduct of his operations.

The technical aspects of the proposed pipeline are acceptable in accordance with appropriate regulations and standards.

We would appreciate receiving a copy of the plat showing the location of the pipeline as installed.

Lowell G. Hammons



Α.

Revised 1/15/80

PIPELINE APPLICATION CHECK LIST

INSTRUCTIONS: Check the blank on the left if the statement is affirmative or correct data submitted. Make N/A (not applicable) where appropriate. Place an X in the blank if the answer is no or if the data was not submitted. All blanks marked X must be rectified to a check (or qualified) before approval can be given for the pipeline. Enter data in the blanks furnished.

Verify the following general information:	
I. SOP	
a. Do the leases involved on the P/L application appear on the current Suspension of Production (SOP) Lease List?	
II. POD	
a. Is the pipeline presently covered by an approved Plan of Development (POD)?	
III. Lease Stipulation Yes No	
IV. USGS Application	
a. The applicant is a Federal lease holder and the pipeline is to be used for such purposes as:	
1. Moving production to a control point for gathering, treat storing, or measuring.	ing
2. Delivery of production to a point of sale.	
3. Delivery of production to a pipeline operated by a transportation company.	
4. Moving fluids in connection with lease operations, such a for injection purposes.	15
b. The pipeline is within the lease boundary owned by the operat	or.
c. Pipeline is within contiguous lease boundaries.	
Pipeline is within noncontiguous lease boundaries. (Note: Items b, c, and d all fall under 30 CFR 250.18)	
e. Lessee's "intent to cross" letters are received. (Wait 30 days for letters of objection. Only objections concerning interference with lease operations will be considered.)	ıys
f. Pursuant to Secretarial Order 2974 of April 30, 1975, check the following:	

		1. FWS notified
		2. FWS comment received
		3. BLM notified
		4. BLM comment received
		5. Environmental Impact Evaluations completed
		6. If related to new POD/P, date of POD/P approval
V.	BLM	Application
<u>/</u>	a.	The pipeline must not be a gathering line.
VI.	DOT	Pipelines
<u>~</u>	a.	The pipelines are shoreward of the outlet flange at the last process facility (If yes, include 49 CFR 192 for gas P/L or 49 CFR 195 for oil P/L in approval.)
II.	DOI	Pipelines
NA	a.	Pipelines not covered by VI above.

B. Verify that the information shown on the <u>safety equipment schematic</u> drawing contains the following:

Ţ.	The pipeline leaving the platform receiving production from the platform is equipped with high- and low-pressure sensors to directly or indirectly shut-in the well or wells on the platform.
<u>N/A</u> 11.	The pipeline delivering production to production facilities on the platform is equipped with automatic fail close valve tied into the automatic and remote shut-in system.
<i>N/A</i> 111.	The pipeline crossing the production platform which does not deliver production to the platform, but which may or may not receive production from the platform, is equipped with high-and low-pressure sensors connected to an automatic fail close valve located in the upstream portion of the pipeline at the platform. In addition, the sensors are tied into either the platform's automatic and remote shut-in system or an independent remote shut-in system.
4/1 IV.	The pipeline boarding the platform is equipped with a check valve.
v.	The pipeline leaving the platform is equipped with a check valve.
<i>M</i> vi.	The pipeline pump is shown as well as its associated high- and low-pressure shut-in device.
<i>M</i> VII.	If pipeline pilots are located on any pressure vessel or downstream of a departing check valve, all flow restriction(s), (backpressure valve(s), chokes), downstream of the process vessel, or wellhead, and upstream if check valve(s) must be indicated on the schematic.
	If flow restriction(s) exist downstream of any process vessel a a low pressure sensor must be installed between the flow restriction(s) and the departing check valve(s). High-pressure sensor(s) must be installed downstream of the wellhead choke.
	Reference API RP 14C, Pages 23 and 59
VIII.	Pressure source is drawn into the schematic with the following: Pressure Separator
	b. Maximum source pressure, psig 1440.
IX.	The rated working pressures of all separators, pumps, compressors, valves, flanges, and fittings upstream of and including the boarding automatic fail close valve are shown.

C. Verify	that the <u>location plat</u> depicts the following:
I.	Location of pipeline .
II.	Length of pipeline
III.	Size of pipeline
IV.	Type of service
v.	Direction of flow
VI.	X-Y coordinates of key ponts
D. Verify and cal	that the information given on the submitted data sheet is completed; culate the MAOP $_{\rm sc}$, MAOP $_{\rm rc}$, MAOP $_{\rm p/1}$.
I. Gen	eral information for calculating MAOP $_{\rm sc}$, MAOP $_{\rm rc}$, etc.
а.	Size of pipeline, inches 4/2
b.	Weight of pipeline, lbs./ft. 14.98
c.	Grade of pipeline
d.	Wall thickness, inches 0.337
е.	Size of riser, inches 4//2
f.	Weight of riser, lbs./ft. 14.98
g.	Grade of riser B
h.	Wall thickness of riser, inches 0.337
i.	Minimum WP rating of piping, fittings, valves, psig 1440
j.	Hydrostatic test pressure (HTP), psig 2160
k.	Hold time, hrs. 24 Hrs
1.	Classification of pipeline (oil or gas) 6AS
m.	Type of pipe (ASTM A-106, API-5L, etc.) NOTE: If ASTM A-53 Reference API RP 14E, Section 2.1.a(2)

		DEST AVAILABLE COPT	
II.	DOI	Pipelines	
	a.	IP @ SMYS for submerged pipeline = 2st	*
	b.		-(MAOP _{sc})
	с.	IP @ SMYS for riser = $\frac{2st}{D}$ =	
	d.	(.60 x IP @ SMYS) for riser =	(MAOP _{rc})
	e.	See Ii above (MAOP _{pfv}) =	(MAOP _{pfv)}
	_f.	Is 1.25 MSP ≤ HTP ≤ .95 (LP @ SMYS for smaller IP of a and	c above)
		<u> </u>	
	_g.	HTP/1.25 =	
	_h.	Is HTP hold time = 2 hours	
	_i.	MAOP of receiving pipeline from IV	
	j.	$MAOP{p/1}$ = the smallest of b, d, e, g, and i above	
	A CONTRACTOR OF THE PARTY OF TH	(MAOP _{p/1})	
	Å.	Test pressure ANSI & API carbon steel RTJ & RF Flanges and	Valves
1	,	(From Table 3.1, Page 31 AP	I RP 14L)
1	_1.	Is K > HTP	
		NOTE: If note, add statement in approval letter to insure flanges are note subjected to test pressure.	valves and
	_m.	Is j≥MSP	
		<u>></u>	

If not, one of the following is necessary:

- 1. Redundant safety equipment is afforded.
- 2. A departure from the requirement for redundant safety equipment

III.	DOT	Pipeline:	c
		TPOTIMO.	-

- a. IP @ SMYS for submerged pipeline = $\frac{2st}{D}$ = $\frac{52.42}{}$
- b. (.72 x IP @ SMYS) for submerged pipeline = 377.44 (MAOP_{SC})
- c. IP @ SMYS for riser = $\frac{2st}{D}$ = $\frac{5242}{}$
- d. For oil P/L (.60 x IP @ SMYS) for riser = $\frac{N/A}{rc}$ (MAOP_{rc}) For gas P/L (.50 x IP @ SMYS) for riser = $\frac{262}{rc}$
- e. See Ii above //// (MAOP_{pfv})
- f. Limit of Testing
- MA 1. For oil P/L

Is 1.25 MSP \(\frac{1}{2} \) HTP \(\frac{1}{2} \) .95 (IP @ SMYS for smaller IP of a and c above)

- 2. For gas P/L riser component:

Is 1.50 MSP = HTP of riser = .95 (IP @ SMYS of c above)

- 2160 = 2160 = 4980
- 3. For gas P/L submerged component:

Is 1.25 MSP = HTP of submerged component = .95 (IP @ SMYS of a above

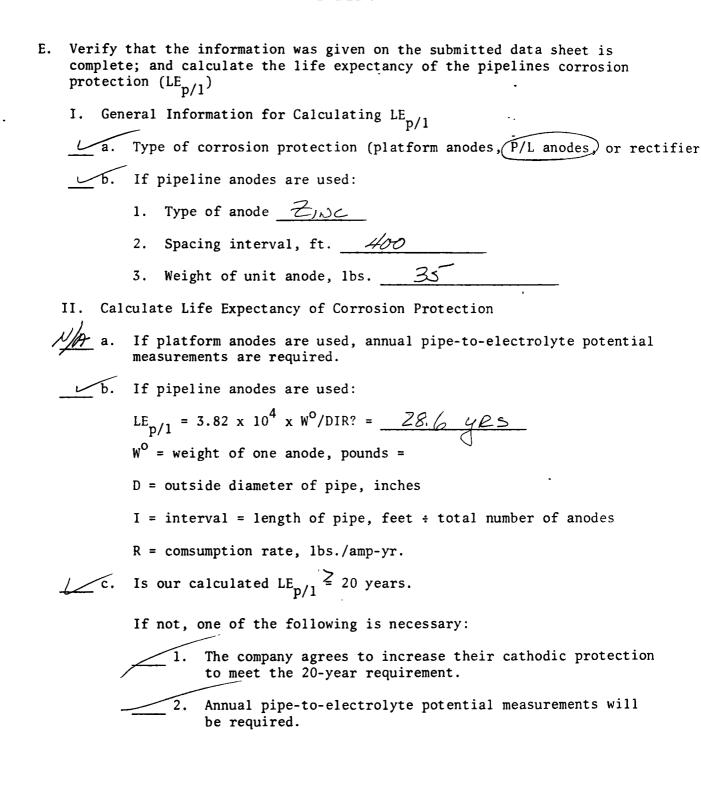
- 1800 = 2160. = 4980
- g. $MAOP_{p/1}$ based on HTP
 - 1. For oil P/L HTP 1.25 = _____
 - 2. For gas P/L riser component HTP/1.5 = 1440 of riser
 - 3. For gas P/L submerged component HTP/1.25 = /728.

 of submerged component

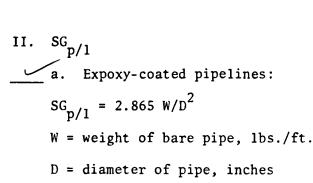
h.	For oil P/L Is HTP hold time = 24 hours
	For gas P/L Is HTP hold time ≥ 8 hours
i.	MAOP of receiving pipeline from IV
j.	$MAOP_{p/1}$ = the smallest of b, d, e, g, and i above
	(MAOP _{p/1})
k.	Test pressure ANSI & API carbon steel RTJ & RF flanges and valves
	2/75 (From table 3.1, page 31 API RP 14E)
1	Is k > HTP
	NOTE: If not, add statement in approval letter to insure valves and flanges are not subjected to test pressure.
m.	Is j Z MSP
	1065 = 1440.
	If not, one of the following is necessary:
	1. Redundant safety equipment is afforded
	2. A departure from the requirement for redundant safety equipment.

		Submerged Component	- <u>Riser</u>
a.	Size, inches		<u> </u>
b.	Grade		-
с.	Wall thickness, inches	5	
d.	Minimum working pres- sure of valves and flanges		(MAOPpfv)
e.	Date of last hydro- static test		•
f.	HTP, psig	***************************************	
g.	Hold time, hrs.		
h.	MAOP based on HTP HTP/1.25		
i.	IP@SMYS for submer- ged P/L 2ST/D		
j.	(.72 x IP@SMYS) for submerged P/L		(MAOPsc)
k.	IP@SMYS for riser 2ST/D		
1.	(.60 x IP@SMYS) for riser		(MAOPrc)
m.	If the receiving P/L is tested since July 1, 1 the segment was subject July 1, 1976?	1971, then what is th	e HAOP to
n.	MAOP of receiving P/L3 MSP of proposed P/L	≥ MAOP of proposed P/	LZ

*HAOP - Highest actual operating pressure



F.	ver	cal	that the information given on the submitted data sheet is complete; culate the specific gravity on the pipeline $(SP_{p/1})$
	I.	Gen	eral Information pertaining to SG _{p/1}
		a.	Description of pipelines protective coating $\frac{S_{OTCHKOTE}}{2/2}$
		b.	Description of risers protective coating
		c.	Description of pre-concrete coating MA
		d.	Density of concrete, lbs./cu. ft. ////
			Thickness of concrete, inches ///A
		f.	Thickness of asphalt/somastic
		g.	Gravity or density of products:
			For gas 0.60 (air = 1.0)
			For oil/condensateO API, (water = 1.0
		h.	Given SG $_{1}$ $2./2$



M/A b. For weighted pipelines:

$$SG_{p/1} = \frac{dc}{d} + \left[\frac{k_2}{(T-k_1)^2} - \frac{dc}{k_3}\right]$$

dc = density of concrete, lbs./ft/3

d = density of fluid in which pipeline is submerged, 1bs./ft.3

 k_1 , k_2 , k_3 = coefficients from tables

T = thickness of concrete coating, inches

W = weight of bare pipe, lbs./ft.

P = weight of double enamel coat and felt wrap, or weight of asphaltmastic coating, lbs./ft.

$$SG_{p/1} = \frac{2.12}{c.}$$

c. Is our calculated SG = operator's given SG

 $2.12 = 2.12$

NOTE: These values should be approximately the same. If not, resolve. If the SG is close to a value of 1, the pipeline is unacceptable and must be weighted with concrete or anchored securely to the bottom.

- G. Verify the following general information:
 - I. Water Depth, ft. _____ (Max) _____ /8 ___(Min)
 - Burial Depth, ft. 3
 - Maximum Operating Pressure (MOP) /000. III.

 - IV. Capacity <u>IO, DO MCF</u>|DAY
 V. No. of lines: Existing Proposed

Nime shown on BLM maps



United States Department of the Interior

OCS-G 4285

BUREAU OF LAND MANAGEMENT

NEW ORLEANS OUTER CONTINENTAL SHELF OFFICE HALE BOGGS FEDERAL BUILDING 500 CAMP STREET-SUITE 841 NEW ORLEANS, LA 70130

February 11, 1980

Memorandum

To:

Conservation Manager

Gulf of Mexico OCS Operations

From:

Manager

New Orleans OCS Office

Subject: Review of Pipeline Right-of-way Application

In accordance with the memorandum of understanding between the Bureau of Land Management and U. S. Geological Survey signed August 1, 1974, the subject application is enclosed.

Please review the technical aspects of the proposed pipeline. If you have any questions regarding this matter, please contact Mr. Autry J. Britton of this office.

NOTED-MG INTOSH

Enclosures

1-Application dated February 4, 1980

2-Information for Pipeline Right-of-way

3-Drawing No. UC 23050, Sheet 1 of 1 4-Drawing No. UAG 3404, Sheets 1 and 2 of 2

5-Drawing No. UAG 3410, Sheet 1 of 1

NOTED-SCHONEKAS

FEB 2 1 1980

UNITED GAS PIPE LINE COMPANY

1200 SMITH • P O BOX 1478 • HOUSTON TEXAS 77001 TELEPHONE (713) 237-4123

February 4, 1980

Mr. John L. Rankin, Manager Bureau of Land Management New Orleans OCS Office Hale Boggs Federal Building Suite 841 500 Camp Street New Orleans, LA 70130

FEB 6 | 48 |
BUR OF LAND M
OUTER CONTINE
SHELF OFFIC
NEW ORIFANS,

Re: AFE 82-335 - Proposed 4 Properties to Connect Allied Chemical Properties in Block 43, Eugene Island Area Item 1 (BML)

Dear Mr. Rankin:

Pursuant to the authority granted in Section 5(e) of the Outer Continental Shelf Lands Act (67 Stat. 462) (43 U.S.C. 1331), as amended (92 Stat. 629), and in compliance with the regulations contained in Title 43 CFR 3340, United Gas Pipe Line Company hereby applies, in duplicate, for a right of way two hundred feet (200') in width to construct, maintain, and operate a 4" pipeline as shown on the six (6) prints each of the following drawings attached hereto and made a part hereof;

Proposed 4" Pipeline to Connect Allied Chemical Block 43 Platform, Drawing UC 23050, sheets 1 and 2 of 2, and UAG 3404, sheets 1 and 2 of 2.

This pipeline will be used to gather and transport natural gas from Allied Chemical's Platform in Block 43 to applicant's existing 14" pipeline in Block 43 (OCS-0642), Eugene Island Area, in the Gulf of Mexico. The tentative construction date for the pipeline is Mid May, 1980, with completion being Mid June, 1980.

This application (and any amendments made hereto) is made with our full knowledge and concurrence with the OCS Lands Act (43 U.S.C. 1331 et seq.), as amended, (P.L. 95-372), including the following: Sec. 5(e) addressing pipeline rights-of-way, Requirements of the Federal Energy Regulatory Commission notice of hearing, transportation and purchase of oil and gas without discrimination: Sec. 5(f)(1) addressing operation of pipelines in accordance with competitive principles, including open and nondiscriminatory access to both owner and non-owner shippers; Sec. 5(f)(2) which may allow exemption of the requirements in Sec. 5(f)(1); and Sec 21(b), addressing the assuring of maximum environmental protection, including the safest practices for pipeline burial.

Additionally, we expressly agree that if any site, structure, or object of historical or archaeological significance should be discovered during the conduct of any operations within the permitted right-of-way, we shall report immediately such findings to the Manager, New Orleans OCS Office, and make every reasonable effort to preserve and protect the cultural resource from damage until the Manager, New Orleans OCS Office, has given directions to to its preservation.

Mr. John L. Rankin, Manager Bureau of Land Management

In accordance with applicable regulations, the applicant states that he will mail to each leasee or right-of-way holder whose lease or right of way is affected by this application, by certified mail, return receipt requested, copies of this application and the maps attached hereto. Copies of the return receipts showing service upon lessees and right-of-way holders will be forwarded to your office when received.

As set forth in the February 13, 1978 guidelines, the applicant agrees to the following:

- 1. All valves and taps will be buried to a minimum of one foot (1') coverage.
- Archeological, Engineering & Hazard Study: Reference is hereby made to telephone conversation on November 28, 1979 between your Mr. Omar DeWald and our Mr. Donald L. Callahan wherein Mr. DeWald said that the Fathometer and Sub-bottom Profiler would be the only instruments required for the survey.
- 3. Originals of fathometer and sub-bottom profiler are attached,
- 4. An as-built survey establishing the location of the completed pipeline within an accuracy of ±100 feet, an as-built map of 1":4000', along with a copy of the diving inspector's report will be provided within ninety (90) days after completion of the line.
- 5. Sensing devices and fail close valves will be provided as set forth in the attached schematic Drawing UAG 3410 (6 copies).
- 6. The pipeline will be buried since the water depth does not exceed two hundred feet (200').
- 7. Proper notification prior to construction and hydrostatic testing as set forth in the February 13, 1978 guidelines will be adhered to.
- 8. Any breaks, leak failures, or accidents will be reported as required.
- 9. The water depths over the complete route of the pipeline are as shown in the profile on the submitted drawing.
- 10. The product to be transported is natural gas.
- 11. Attached is Information for Pipeline Right of Way.
- 12. Nondiscrimination in Employment form is attached (3 copies).
- 13. Company contact after construction is completed:

C. H. Young, Jr.
United Gas Pipe Line Company
P. O. Box 51628
New Orleans, LA 70151
Telephone: (504) 525-2312

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February 4, 1980 Page 3

Mr. John L. Rankin, Manager Bureau of Land Management

Enclosed is Check No. 83262 in the amount of \$175.00 for the first five (5) years' rental, computed on a total of 0.15 mile of right of way for the years 1980, 1981, 1982, 1983 and 1984. This check included \$100.00 filing fee. Inquiries concerning this application may be directed to 'e applicant at its offices at P. O. Box 1478, Houston, Texas 77001, ATTENTION: Mr. John Stahl.

It is our understanding that the originals listed above as No. 3 will be returned to us after they have served their purpose.

If our plans meet with your approval, we will appreciate your issuing us a Decision for this installation.

Yours very truly,

UNITED GAS PIPE LINE COMPANY

. J. Simmons. Jr.

Vice President - Engineering

JS:ac Enclosures

cc: The District Engineer
U. S. Corps of Engineers
P. O. Box 60267
New Orleans, Louisiana 70160
ATTENTION; LMNOD-S



UNITED GAS PIPE LINE COMPANY

1200 SMITH • P.O. BOX 1478 • HOUSTON TEXAS 77001 FELEPHONE (713) 237-4123

February 7, 1980

NEW ORLEANS OCS

FILE CODE

ROUTE

INITIAL

Mr. John L. Rankin, Manager

Bureau of Land Management

New Orleans OCS Office

Hale Boggs Federal Building

Suite 841

500 Camp Street

New Orleans, LA 70130

NEW ORLEANS OCS

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MGR.

ASST. MGR.

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P. LEGAL

PAO

OPS

STUDIES

Attention: Mr. Autrey Britton

Re: AFE 82-335-Proposed 4" Pipeline to Connect Allied Chemical Platform in Block 43, Eugene Island Area Item 1 (BLM)

Dear Mr. Rankin:

Please be advised that the indented paragraph in our letter to you, dated February 4, 1980, should read as follows:

Proposed 4" Pipeline to Connect Allied Chemical's Block 43 Platform, Drawing UC 23050, sheet 1 of 1, and UAG 3404, sheets 1 and 2 of 2.

We appreciate your calling us about this matter and hope it has not inconvenienced you.

Yours very truly,

UNITED GAS PIPE LINE COMPANY

R. J. Simmons, Jr.

Vice President - Engineering

JCH:ac

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

INFORMATION FOR PIPELINE RIGHT-OF-WAY

- 1. Contact on technical points Mr. C. R. Vandewater United Gas Pipe Line Company P.O. Box 1478 Houston, Texas 77001 713/237-4537
- 2. Project title:

Connect Allied Chemical Block 43-A, Eugene Island Area, to UGPL 14" Line

3. Sizes, wall thickness, weight, grade, and class of pipe and risers.

Main Line: 4½" O.D. x 0.337" wall, 14.98 lbs/ft., API 5L Grade

"B" Line Pipe

Class I Location, Type 0.6 SMYS Design Factor

Riser: 4½" O.D. x 0.337" wall, 14.98 lbs./ft., API 5L Grade

"B" Line Pipe

Class I Location, Type 0.5 SMYS Design Factor.

4. Description of cathodic protection system.

Type: Bracelet (Cylindrical or Segmented) Tapered Ends

Size: 4½" I.D. x 7½" O.D.

Weight: 35 Pounds Minimum Net Weight of Zinc Each.

Spacing: One bracelet per 400 feet

Anode Life: 35 to 40 years Total Number of Anodes: 2

CALCULATIONS FOR ANODES:

Assume 1.67% Bare Pipe or 98.33% Coated

Current Requirements 4.5 MA/Sq. Ft. for Bare Pipe

Anode Consumption Rate 25 lbs./ampere/year

Sq. Ft. Bare Pipe per 400 ft. of Coated Pipe =

3.1416 x 4.5/12 x 400 x 0.0167 = 7.869 Sq. Ft.

Zinc Required Per Year Per Bracelet =

7.87 x 25 x 0.0045 = 0.885 lbs./yr.

Anode Life = 35/0.885 = 39.5 years

Description of external pipeline coating.
 Thin Film Fusion Bonded Scotchkote 212.

6. Description of internal protective measures.

A chemical inhibitor treatment program will be applied if a gas analysis and/or coupon test so indicates such is required.

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- 7. Specific gravity of the empty pipe.
 2.12
- 8. Specific gravity of product transported.

Natural gas - 0.60

Condensate - .70

9. Maximum & minimum operating pressure.

Maximum - 1,000 psig

Minimum - 960 psig

10. Maximum allowance pressure and capacity.

Maximum working pressure 1,000 psig - 10,000 MCF/Day Initial flow conditions at 985 psig for this system Class I Location, Type 0.60 SMYS Design Factor:

MAP = $\frac{2 \text{ st } F}{D}$ = $\frac{2 \times 35,000 \times 0.337 \times 0.6}{4.500}$ = $\frac{3,145}{3774}$ psig

Class I Location, Type 0.50 SMYS Design Factor:

MAP = $\frac{2st \ F}{D}$ = 2 x $\frac{35,000 \ x \ 0.337 \ x \ 0.5}{4.500}$ = 2,621 psig

ANSI 600 valves and flanges:

 $WP = 2.4 \times 600 = 1,440 \text{ psig}$

MAOP of existing pipeline to which the proposed pipeline will connect: 1,065 psig $\,$

Therefore, the MAOP will be 1,065 psig.

- 11. Hydrostatic test pressure and period of time of test upon completion.

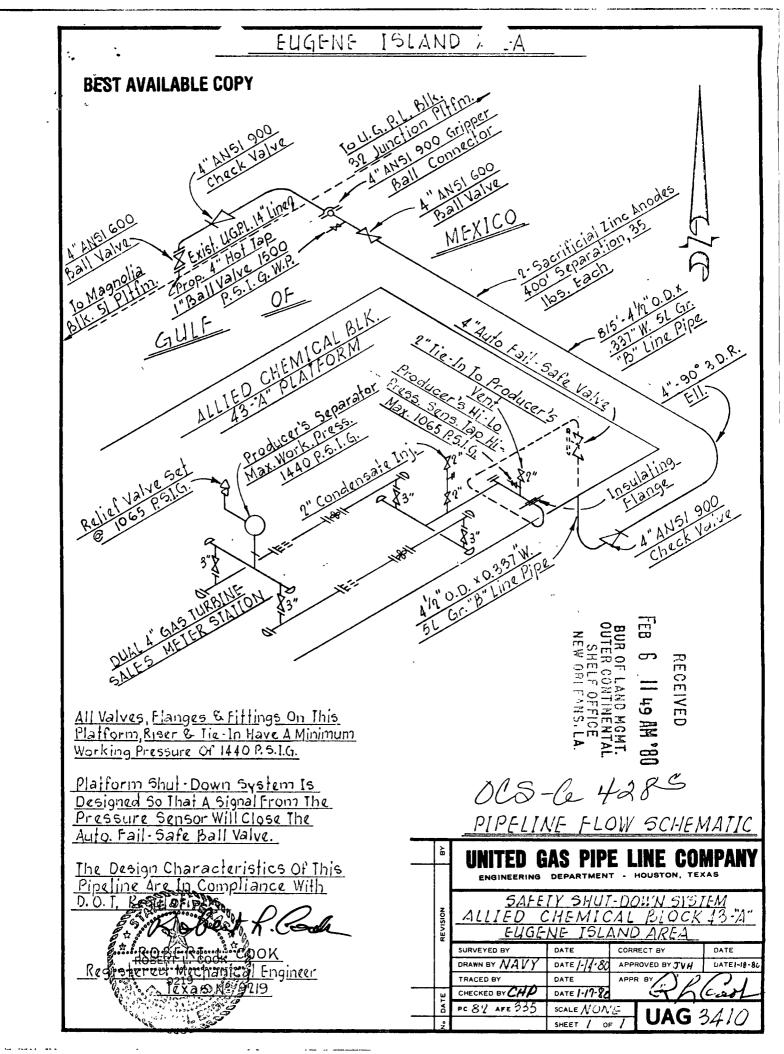
 Minimum Test Pressure
 2160 psig for 24 hours
- 12. Size and location of pumps and prime movers.

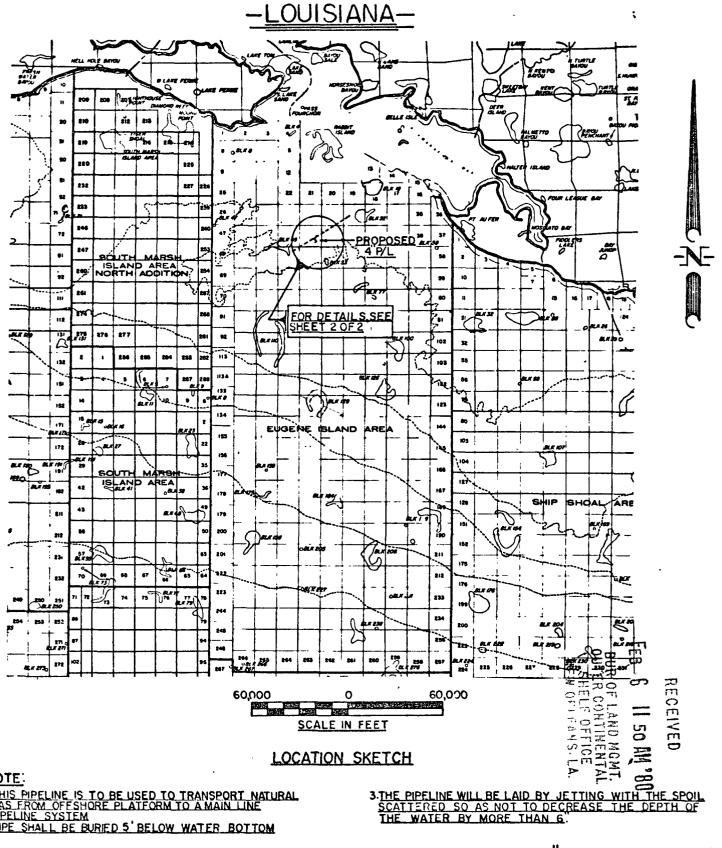
 There will be no pumps or movers on this line.
- 13. Construction Information (anticipated at time of application).
 - A. Starting Date Contingent upon receipt of BLM, and materials.
 - B. Method of construction Conventional lay barge

- .13. Construction Information (anticipated at time of application).
 Cont'd
 - C. Method of burial
 Jet barge with 5 foot minimum cover
 - D. Time required to lay pipe 4 weeks
 - E. Time required to complete project 6 weeks
- 14. MAOP on existing pipeline to which the proposed pipeline will connect.

14" United Gas Pipe Line Company Line from Magnolia Block 51 Platform to UGPL Block 32 Junction Platform, Eugene Island Area, MAOP = 1065 psig.

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NOTE:

I.THIS PIPELINE IS TO BE USED TO TRANSPORT NATURAL GAS FROM OFFSHORE PLATFORM TO A MAIN LINE PIPELINE SYSTEM 2 PIPE SHALL BE BURIED 5' BELOW WATER BOTTOM

APPLICATION BY

UNITED GAS PIPE LINE CO.

DATE: 1-14-80

UAG 3404 SHEET | OF 2 PROPOSED 4" PIPELINE TO CONNECT ALLIED CHEMICAL BLOCK 43 "A" EUGENE ISLAND AREA

